

FLine® compact – high packing density and maximum flexibility

FLine® compact is a user-friendly fibre optic cable patch system to hold a maximum of up to 144 fibres with conventional couplings like SC, ST, E 2,000 and even 240 fibres with LC and 288 fibres with MT-RJ. In spite of its compactness, the system offers optimum fibre optic cable management. FLine® compact is used when there is little room and maximum flexibility is required (computer centres, subnetworks).

Characteristics of FLine® compact

- 3 U (height units) high, 3 DU (division units) deep, aluminium front panels with screen printing (exception for LC, 8 DU)
- Maximum flexibility through optional equipping with SC, ST, E2,000, E2,000 HRL, FC-PC, MT-RJ, LC, LC HRL and FC-PC (by the module)
- Can be equipped with up to 12 modules (10 with LC-Duplex)
- Protection of pigtails through closable cable management and splice cassettes
- The pigtails are coloured (primary and secondary coating) according to the DIN IEC 60304 colour code for safe and rapid installation
- The wires in the splice cassette are marked and ready for splicing
- The couplings can be mounted at any time later



Cable management bar

- The cable management bar can be pulled out to the rear, takes up the filled loose tube reserve loops and serves to fix the fibre optic cables
- The switching channel on the front panel organises the patch cord guidance while observing the bending radii

FLine® compact module

Characteristics:

- Installation of a maximum of 24 fibres
- Body of housing made of sheet steel
- Front panel made of aluminium
- Colour of front panel: aluminium
- With cable management and splice cassette rest
- With splice cassette incl. pigtails, Gigabit Ethernet fibres (MM)
- Pigtail colour code:
E9...10/125 according to DIN IEC 60304
G50/125 according to DIN IEC 60304
G62.5/125 green
- Pigtails already inserted into splice cassette, splice protector
- Depth: 220 mm (without components).
- Protection of pigtails via closable cable management and splice cassettes
- The wires in the splice cassette are marked and ready for splicing
- Fixing screws

Components:

- Available with up to 4, 8 or 12 slots or without components
- The following couplings can be used:
SC-Duplex/SC-Duplex
FC-PC, FC-PC(HRL) (SM)
ST/ST
E2,000/E2,000
E2,000HRL/E2,000HRL (SM)
MT-RJ/MT-RJ (MM)
LC-Duplex (8TE)

Accessories:

- Blind plug for front panel, splice protector



Compact Modul with LC-Duplex 8 TE

FLine® compact 3 U/7 DU splice plug-in module

Splice solution:

Single-mode E9..10/125, insertion losses: < 0.4 dB; return losses: > 40 dB

No. of Fibres	SC-DX (Met/Cer)	ST (Met/Cer)	E2,000 (Plastic/Cer)	E2,000HRL (Plastic/Cer)	FC-PC (Met/Cer)	FC-PC HRL (Met/Cer)
4	9FK90204	9FK90223	9FK90232	9FK90236	9FK90240	9FK90245
8	9FK90404	9FK90423	9FK90432	9FK90436	9FK90440	9FK90445
12	9FK90604	9FK90623	9FK90632	9FK90636	9FK90640	9FK90645

FLine® 110, Multimode G50/125 OM2, insertion losses: < 0.4 dB; return losses: > 25 dB

No. of Fibres	SC-DX (Met/Cer)	SC-DX (Plastic/Cer)	ST (Met/Cer)	E2,000 (Plastic/Cer)	MT-RJ (Plastic)	LC-DX* (Plastic/Cer)
4	9FK50204	9FK50203	9FK50223	9FK50232	9FK50237	9FK50255
8	9FK50404	9FK50403	9FK50423	9FK50432	9FK50437	9FK50455
12	9FK50604	9FK50603	9FK50623	9FK50632	9FK50637	9FK50655
24	-	-	-	-	9FK51237	9FK51255

FLine® 300, Multimode G50/125 OM3: insertion losses: < 0.2 dB; return losses: > 35 dB

No. of Fibres	SC-DX (Met/Cer)	SC-DX (Plastic/Cer)	ST (Met/Cer)	E2,000 (Plastic/Cer)	MT-RJ (Plastic)	LC-DX* (Plastic/Cer)
4	9FKB0204	-	-	-	-	9FKB0255
8	9FKB0404	-	-	-	-	9FKB0455
12	9FKB0604	-	-	-	-	9FKB0655
24	-	-	-	-	-	9FKB1255

FLine® 550, Multimode G50/125 OM3 "e": insertion losses: < 0.2 dB; return losses: > 35 dB

No. of Fibres	SC-DX (Met/Cer)	SC-DX (Plastic/Cer)	ST (Met/Cer)	E2,000 (Plastic/Cer)	MT-RJ (Plastic)	LC-DX* (Plastic/Cer)
4	9FKD0204	-	-	-	-	9FKD0255
8	9FKD0404	-	-	-	-	9FKD0455
12	9FKD0604	-	-	-	-	9FKD0655
24	-	-	-	-	-	9FKD1255

Multimode G62.5/125 OM1, standard: insertion losses: < 0.4 dB; return losses: > 25 dB

No. of Fibres	SC-DX (Met/Cer)	SC-DX (Plastic/Cer)	ST (Met/Cer)	E2,000 (Plastic/Cer)	MT-RJ (Plastic)	LC-DX* (Plastic/Cer)
4	9FK60204	9FK60203	9FK60223	9FK60232	9FK60237	9FK60255
8	9FK60404	9FK60403	9FK60423	9FK60432	9FK60437	9FK60455
12	9FK60604	9FK60603	9FK60623	9FK60632	9FK60637	9FK60655
24	-	-	-	-	9FK61237	9FK61255

* 8 DU splice plug-in-module

Other or mixed designs available on request

Included in delivery: assembly, splice cassette(s) with cover, splice protector with holder, pigtails marked and plugged into couplings ready for splicing, possibly blind plugs.

FLine® compact 3 U/7 DU patch plug-in module

Solution for ready-made breakout cables:

Single-mode standard:

No. of Fibres	SC-DX (Met/Cer)	ST (Met/Cer)	E2,000 (Plastic/Cer)	E2,000HRL (Plastic/Cer)	FC-PC (Met/Cer)	FC-PC HRL (Met/Cer)
4	9FKS0204	9FKS0223	9FKS0232	9FKS0236	9FKS0240	9FKS0245
8	9FKS0404	9FKS0423	9FKS0432	9FKS0436	9FKS0440	9FKS0445
12	9FKS0604	9FKS0623	9FKS0632	9FKS0636	9FKS0640	9FKS0645

FLine® 110, FLine® 300, FLine® 550, Multimode-G50, G62.5

No. of Fibres	SC-DX (Met/Cer)	SC-DX (Plastic/Cer)	ST (Met/Cer)	E2,000 (Plastic/Cer)	MT-RJ (Plastic)	LC-DX* (Plastic/Cer)
4	9FKM0204	9FKM0203	9FKS0223	9FKM0232	9FKM0237	9FKM0255
8	9FKM0404	9FKM0403	9FKS0423	9FKM0432	9FKM0437	9FKM0455
12	9FKM0604	9FKM0603	9FKS0623	9FKM0632	9FKM0637	9FKM0655
24	-	-	-	-	9FKM1237	9FKM1255

* 8 DU splice plug-in-module

Other or mixed designs available on request

Included in delivery: assembly, splice cassette(s) with cover, splice protector with holder, pigtails marked and plugged into couplings ready for splicing, possibly blind plugs.



Splice distributor Compact



Cable management bar

Product description:

- 19" component chassis, 3 U, 84 DU, mounted and without components
- Body of housing and front panel made of aluminium
- Depth: 243 mm (without compact module)

Article number: 9FKZ0001

Product description:

- 19" component chassis, 1 U
- Front panel with patch cord guidance/ cable management
- Drawer for clear organisation of filled loose tube reserve loops and fixing
- Drawer can be extended backwards
- Completely assembled incl. fastening material
- Colour: light grey, RAL 7035
- Depth: 350 mm

Article number: 9FKZ0004